

JUL - 7 2004

K040988



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## IX. 510(K) SUMMARY OF SAFETY AND EFFECTIVENESS (AS REQUIRED BY SECTION 807.92C)

- 1) Submitted by: Vincent M. Tentarelli  
Pascal Company, Inc.  
2929 NE Northup Way  
Bellevue, WA 98004  
USA
- 2) Establishment Registration No.: 3011632
- 3) Date Prepared: April 12, 2004
- 4) Device Trade Name: Zircon-F Prophylaxis Paste
- 5) Device Common Name: Prophylaxis Paste
- 6) Device Classification Name: Oral cavity abrasive polishing paste
- 7) Device Class: Class I
- 8) Substantial equivalence: **Zircon-F Prophylaxis Paste** is substantially equivalent to the originally classified device described in CFR 872.6030, "Oral cavity abrasive polishing paste." It is also substantially equivalent and nearly identical to (for example ) the following products that are currently on the market, having been cleared by 510(k)s:

<u>510(k) Number</u>	<u>Name of Device</u>	<u>Company</u>
K033449	Double-Pro	Professional Dental
K024343	Butler Gum Propy Paste	USBiomaterials Corp.
K000169	Nupro Prophylaxis Paste	Dentsply Intl.

- 9) The document, "Guidance on the CDRH Premarket Notification Review Program, June 30, 1986 (K86-3)" was used to determine substantial equivalence:
  - a) **Zircon-F Prophylaxis Paste** has the same intended use, for cleaning and polishing procedures as part of a professionally administered dental prophylaxis treatment, as many cleared by the 510(k) process as shown above.

- b) The technological characteristics for this product are the same as those for the predicate devices and other paste products currently on the market except for minor variations in the same or similar components.
- c) Descriptive information provided shows that the materials from which Pascal Co., Inc.'s **Zircon-F Prophylaxis Paste** is made are substantially equivalent (nearly identical with some) to those of similar products, used for identical purposes, currently on the market.



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

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Mr. Vincent M. Tentarelli  
Quality Assurance Manager  
Pascal Company, Incorporated  
P.O. Box 1478  
Bellevue, Washington 98009-1478

Re: K040988

Trade/Device Name: Zircon-F Prophylaxis Paste  
Regulation Number: 21 CFR 872.6030  
Regulation Name: Oral Cavity Abrasive Polishing Agent  
Regulatory Class: I  
Product Code: EJR  
Dated: April 12, 2004  
Received: April 20, 2004

Dear Mr. Tentarelli:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (301) 594-4613. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely yours,

A handwritten signature in black ink, appearing to read "Chiu Lin", with a stylized flourish at the end.

Chiu Lin, Ph.D.

Director

Division of Anesthesiology, General Hospital,

Infection Control and Dental Devices

Office of Device Evaluation

Center for Devices and

Radiological Health

Enclosure

## VII. STATEMENT OF INDICATIONS FOR USE

510 (k) NUMBER (IF KNOWN): K040988

DEVICE NAME: ZIRCON-F PROPHYLAXIS PASTE

INDICATIONS FOR USE:

To be used for cleaning and polishing procedures as part of a professionally administered dental prophylaxis treatment.

Susan Runne  
(Division Sign-Off)  
Division of Anesthesiology, General Hospital,  
Infection Control, Dental Devices  
510(k) Number: K040988

(PLEASE DO NOT WRITE BELOW THIS LINE – CONTINUE ON ANOTHER PAGE IF NEEDED.)

\_\_\_\_\_  
Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use ✓  
(Per 21 CFR 801.109)

OR

Over-The-Counter-Use \_\_\_\_\_  
(Optional Format 1-2-96)